

SÃ©bastien Besteiro

List of Publications by Year in descending order

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54
papers

12,681
citations

186265

28
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197818

49
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59
all docs

59
docs citations

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times ranked

24253
citing authors

#	ARTICLE	IF	CITATIONS
1	Disrupting the plastidic iron-sulfur cluster biogenesis pathway in <i>Toxoplasma gondii</i> has pleiotropic effects irreversibly impacting parasite viability. <i>Journal of Biological Chemistry</i> , 2022, 298, 102243.	3.4	13
2	<i>Toxoplasma</i> TgATG9 is critical for autophagy and long-term persistence in tissue cysts. <i>ELife</i> , 2021, 10, .	6.0	26
3	The Autophagy Machinery in Human-Parasitic Protists; Diverse Functions for Universally Conserved Proteins. <i>Cells</i> , 2021, 10, 1258.	4.1	16
4	P18 (SRS35/TgSAG4) Plays a Role in the Invasion and Virulence of <i>Toxoplasma gondii</i> . <i>Frontiers in Immunology</i> , 2021, 12, 643292.	4.8	1
5	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,582 Tc 1,430	9.1	1,430
6	Differential contribution of two organelles of endosymbiotic origin to iron-sulfur cluster synthesis and overall fitness in <i>Toxoplasma</i> . <i>PLoS Pathogens</i> , 2021, 17, e1010096.	4.7	17
7	The pathogenicity and virulence of <i>Toxoplasma gondii</i> . <i>Virulence</i> , 2021, 12, 3095-3114.	4.4	33
8	TgZFP2 is a novel zinc finger protein involved in coordinating mitosis and budding in <i>Toxoplasma</i> . <i>Cellular Microbiology</i> , 2020, 22, e13120.	2.1	5
9	The Bradyzoite: A Key Developmental Stage for the Persistence and Pathogenesis of Toxoplasmosis. <i>Pathogens</i> , 2020, 9, 234.	2.8	57
10	Endomembrane trafficking pathways in <i>Toxoplasma</i> . , 2020, , 705-741.		1
11	The role of host autophagy machinery in controlling <i>Toxoplasma</i> infection. <i>Virulence</i> , 2019, 10, 438-447.	4.4	29
12	Characterisation of two <i>Toxoplasma</i> PROPPINs homologous to Atg18/WIPI suggests they have evolved distinct specialised functions. <i>PLoS ONE</i> , 2018, 13, e0195921.	2.5	13
13	From Christian de Duve to Yoshinori Ohsumi: More to autophagy than just dining at home. <i>Biomedical Journal</i> , 2017, 40, 9-22.	3.1	49
14	Apicomplexan autophagy and modulation of autophagy in parasite-infected host cells. <i>Biomedical Journal</i> , 2017, 40, 23-30.	3.1	31
15	TgPL2, a patatin-like phospholipase domain-containing protein, is involved in the maintenance of apicoplast lipids homeostasis in <i>Toxoplasma</i> . <i>Molecular Microbiology</i> , 2017, 105, 158-174.	2.5	20
16	<i>Toxoplasma</i> depends on lysosomal consumption of autophagosomes for persistent infection. <i>Nature Microbiology</i> , 2017, 2, 17096.	13.3	72
17	<i>Toxoplasma gondii</i> autophagy-related protein ATG9 is crucial for the survival of parasites in their host. <i>Cellular Microbiology</i> , 2017, 19, e12712.	2.1	22
18	Autophagy participates in the unfolded protein response in <i>Toxoplasma gondii</i> . <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	16

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19	Autophagy in apicomplexan parasites. <i>Current Opinion in Microbiology</i> , 2017, 40, 14-20.	5.1	24
20	RON4L1 is a new member of the moving junction complex in <i>Toxoplasma gondii</i> . <i>Scientific Reports</i> , 2017, 7, 17907.	3.3	16
21	Unusual Functions for the Autophagy Machinery in Apicomplexan Parasites. , 2016, , 281-292.		2
22	Repurposing of conserved autophagy-related protein ATG8 in a divergent eukaryote. <i>Communicative and Integrative Biology</i> , 2016, 9, e1197447.	1.4	12
23	An evolutionarily conserved SSNA1/DIP13 homologue is a component of both basal and apical complexes of <i>Toxoplasma gondii</i> . <i>Scientific Reports</i> , 2016, 6, 27809.	3.3	25
24	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
25	HIV-1 Tat inhibits phagocytosis by preventing the recruitment of Cdc42 to the phagocytic cup. <i>Nature Communications</i> , 2015, 6, 6211.	12.8	30
26	Montpellier Infectious Diseases “ PÃ©le Rabelais (MID) 3rd annual meeting (2014). <i>Infection, Genetics and Evolution</i> , 2015, 32, 161-164.	2.3	0
27	Autophagy-Related Protein ATG8 Has a Noncanonical Function for Apicoplast Inheritance in <i>Toxoplasma gondii</i> . <i>MBio</i> , 2015, 6, e01446-15.	4.1	74
28	<i>Toxoplasma</i> control of host apoptosis: the art of not biting too hard the hands that feeds you. <i>Microbial Cell</i> , 2015, 2, 178-181.	3.2	18
29	Autophagy in Parasitic Protists. , 2014, , 185-195.		0
30	Regulation of ATG8 membrane association by ATG4 in the parasitic protist <i>Toxoplasma gondii</i> . <i>Autophagy</i> , 2013, 9, 1334-1348.	9.1	55
31	Role of ATG3 in the parasite <i>Toxoplasma gondii</i> . <i>Autophagy</i> , 2012, 8, 435-437.	9.1	5
32	A quantitative liquid chromatography tandem mass spectrometry method for metabolomic analysis of <i>Plasmodium falciparum</i> lipid related metabolites. <i>Analytica Chimica Acta</i> , 2012, 739, 47-55.	5.4	27
33	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
34	Which roles for autophagy in <i>Toxoplasma gondii</i> and related apicomplexan parasites?. <i>Molecular and Biochemical Parasitology</i> , 2012, 184, 1-8.	1.1	24
35	The moving junction of apicomplexan parasites: a key structure for invasion. <i>Cellular Microbiology</i> , 2011, 13, 797-805.	2.1	262
36	Autophagy Protein Atg3 is Essential for Maintaining Mitochondrial Integrity and for Normal Intracellular Development of <i>Toxoplasma gondii</i> Tachyzoites. <i>PLoS Pathogens</i> , 2011, 7, e1002416.	4.7	101

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37	The RON2-AMA1 Interaction is a Critical Step in Moving Junction-Dependent Invasion by Apicomplexan Parasites. <i>PLoS Pathogens</i> , 2011, 7, e1001276.	4.7	264
38	Exploring metabolomic approaches to analyse phospholipid biosynthetic pathways in <i>Plasmodium</i> . <i>Parasitology</i> , 2010, 137, 1343-1356.	1.5	32
39	Inhibitor of Cysteine Peptidase Does Not Influence the Development of <i>Leishmania mexicana</i> in <i>Lutzomyia longipalpis</i> . <i>Journal of Medical Entomology</i> , 2009, 46, 605-609.	1.8	4
40	Export of a <i>Toxoplasma gondii</i> Rhoptry Neck Protein Complex at the Host Cell Membrane to Form the Moving Junction during Invasion. <i>PLoS Pathogens</i> , 2009, 5, e1000309.	4.7	262
41	Overexpression of the Natural Inhibitor of Cysteine Peptidases in <i>Leishmania mexicana</i> Leads to Reduced Virulence and a Th1 Response. <i>Infection and Immunity</i> , 2009, 77, 2971-2978.	2.2	22
42	The AP3 adaptor is involved in the transport of membrane proteins to acidocalcisomes of <i>Leishmania</i> . <i>Journal of Cell Science</i> , 2008, 121, 561-570.	2.0	54
43	Lipidomic analysis of <i>Toxoplasma gondii</i> tachyzoites rhoptries: further insights into the role of cholesterol. <i>Biochemical Journal</i> , 2008, 415, 87-96.	3.7	41
44	Draft Genome Sequence of the Sexually Transmitted Pathogen <i>Trichomonas vaginalis</i> . <i>Science</i> , 2007, 315, 207-212.	12.6	731
45	Protein turnover and differentiation in <i>Leishmania</i> . <i>International Journal for Parasitology</i> , 2007, 37, 1063-1075.	3.1	128
46	The SNARE protein family of <i>Leishmania major</i> . <i>BMC Genomics</i> , 2006, 7, 250.	2.8	34
47	Endosome Sorting and Autophagy Are Essential for Differentiation and Virulence of <i>Leishmania major</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 11384-11396.	3.4	191
48	Fumarate Is an Essential Intermediary Metabolite Produced by the Procyclic <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 26832-26846.	3.4	53
49	Energy generation in insect stages of <i>Trypanosoma brucei</i> : metabolism in flux. <i>Trends in Parasitology</i> , 2005, 21, 185-191.	3.3	112
50	A Mitochondrial NADH-dependent Fumarate Reductase Involved in the Production of Succinate Excreted by Procyclic <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 16559-16570.	3.4	87
51	A potential role for ICP, a leishmanial inhibitor of cysteine peptidases, in the interaction between host and parasite. <i>Molecular Microbiology</i> , 2004, 54, 1224-1236.	2.5	52
52	ATP Generation in the <i>Trypanosoma brucei</i> Procyclic Form. <i>Journal of Biological Chemistry</i> , 2003, 278, 49625-49635.	3.4	89
53	Succinate Secreted by <i>Trypanosoma brucei</i> Is Produced by a Novel and Unique Glycosomal Enzyme, NADH-dependent Fumarate Reductase. <i>Journal of Biological Chemistry</i> , 2002, 277, 38001-38012.	3.4	127
54	Two Related Subpellicular Cytoskeleton-associated Proteins in <i>Trypanosoma brucei</i> Stabilize Microtubules. <i>Molecular Biology of the Cell</i> , 2002, 13, 1058-1070.	2.1	42